

Amendment to the Specification:

Please replace the paragraph beginning on page 1, line 6, and entitled "CROSS-REFERENCE TO RELATED APPLICATIONS," with the following amended paragraph:

This application is related to U.S. Patent Application No. **09/851,663** (~~Att.Dkt.No. SUN1P821/P5972~~), entitled "IDENTIFYING AND TRACKING OBJECT REFERENCES IN A JAVA PROGRAMMING ENVIRONMENT", filed on an even date, and hereby incorporated herein by reference for all purposes.

Please replace the paragraph beginning on page 14, line 19, with the following rewritten paragraph:

On the other hand, if it is determined at operation 806 that there is no change in the flow control between the time the Java command may place a reference to a Java object on the stack and the time this reference is used, the method 800 proceeds to operation 808 **810** where it is determined if there is an occurrence of Putfield command after a Getfield command such that the reference placed on the execution stack by the Getfield command is likely to be overwritten by the Putfield command before it is used. If this is the case, the method proceeds from operation 810 to operation 808 where the Getfield command and/or Putfield command are translated. However, if it is determined at operation 808 that this is not the case, the method 800 proceeds to operation 812 where it is determined whether there is at least one more command found in the sequence of Java commands that is likely to place a reference to a Java object on the execution stack. If it is determined at operation 812 that there is at least one more command found that is likely to place a reference to a Java object on the execution stack, the method proceeds to operation 806 where processing is performed in a similar manner as described above. When it is determined that there is not at least one command that is likely to place a reference to a Java object on the execution stack, the method 800 ends.